

**Process for producing pulverulent active substance formulations with compressible fluids**

**A b s t r a c t**

Pulverulent active substance formulations composed of

- at least one active substance which is solid at room temperature,
- at least one dispersant B),
- polyvinyl alcohol and
- optionally, additives C),

the individual active substance particles being enveloped by a coat of polyvinyl alcohol, being present in the amorphous state, and having diameter in the nanometer range, a process for producing said formulations using compressible fluids, use of said active substance formulations for the application of the active substance they comprise, and apparatus for producing the pulverulent active substance formulations.